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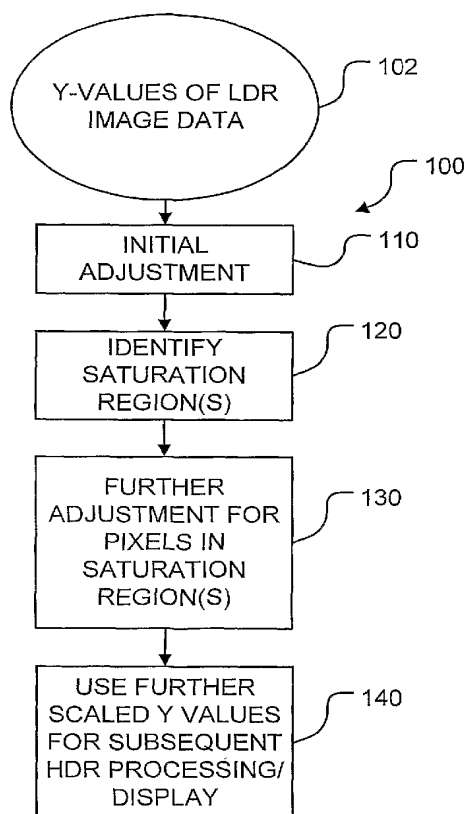
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(54) Title: METHODS AND SYSTEMS FOR CONVERTING IMAGES FROM LOW DYNAMIC RANGE TO HIGH DYNAMIC RANGE



(57) Abstract: Aspects of the invention provide systems and methods for converting a digital image represented in a lower bit depth representation to a higher bit depth representation. A saturation region is identified, where a color model value of the pixels in the saturation region is above an upper saturation threshold or below a lower saturation threshold. The color model value for each pixel in the saturation region is then adjusted by a corresponding adjustment. The magnitude of the adjustment for each pixel is based on characteristics of the image data.

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